

NO. 65667

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office NOV 22 1999

Returned to applicant for correction _____

Corrected application filed _____

Map filed NOV 22 1999

The applicant **Calpine Corporation**, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

1. The source of the proposed appropriation is **an underground source in Mesquite Valley (Sandy Valley)**
2. The amount of water applied for is **2500 ac. ft./annum; 3.45 cfs** second-feet
 - (a) If stored in reservoir give number of acre-feet
3. The water to be used for **industrial purposes (cooling of power generator units)**
4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated
 - (b) Stockwater, state number and kinds of animals to be watered
 - (c) Other use (describe fully under No. 12. "Remarks")
 - (d) Power: **N/A**
 - (1) Horsepower developed
 - (2) Point of return of water to stream
5. The water is to be diverted from its source at the following point **within SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 2, Township 24 South, Range 56 East, M.D.B.&M. at a point that bears North 71°00' West a distance of 2,100 ft. from the Southeast corner of said Section 2.**
6. Place of Use **within a portion of the West Half (W $\frac{1}{2}$) of Section 1, Township 24 South, Range 56 East, M.D.B.&M. (upon patented mining claims)**
7. Use will begin about **January 1** and end about **December 31** of each year.
8. Description of proposed works **well, pump, pressure tank and distribution pipelines.**
9. Estimated cost of works **\$200,000**
10. Estimated time required to construct works **1 year**
11. Estimated time required to complete the application of water to beneficial use **2 years**

12. Remarks: Water wells are to be drilled into the "carbonate aquifer"; water use will be for cooling of generation units and other industrial uses.

By s/Stephen F. Turner
1210 Hinson Street
Las Vegas, Nevada 89102

Compared cmf/bk

Protested _____

DENIAL OF STATE ENGINEER

This application is hereby denied on the grounds that the applicant has not submitted the data and information requested by the State Engineer's office, and that without this information granting of the application would threaten to prove detrimental to the public interest.

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E.,

State Engineer of Nevada, have hereunto set

my hand and the seal of my office,

this 24th day of July, A.D. 2003


State Engineer